



**METROPOLITAN
TRANSPORTATION
COMMISSION**

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Memorandum

Agenda Item 2c

TO: Operations Committee

DATE: September 6, 2013

FR: Executive Director

W. I. 310-2700

RE: Clipper® Contract Actions

- i. Funding Agreement – On-Site Infrastructure Upgrades for Expansion to Napa and Solano County Transit Operators: Solano County Transit (\$650,000)
- ii. Funding Agreement – On-Site Infrastructure Upgrades for San Francisco Bay Ferry's Vallejo Ferry Terminal and San Francisco Downtown Pier: Water Emergency Transportation Authority (\$175,000)

Attachment 1 includes information about current Clipper® system operations (note: this information is included in every Clipper® contract action).

Contract Actions

Staff recommends that the Operations Committee authorize the Executive Director or his designee to negotiate and enter into the following contract actions.

i. Funding Agreement – On-Site Infrastructure Upgrades for Expansion to Napa and Solano County Transit Operators: Solano County Transit (\$650,000)

In June 2013, MTC executed Change Order 170 for Clipper® expansion to transit operators in Napa and Solano counties – Solano County Transit, Fairfield and Suisun Transit, Napa VINE, Vacaville City Coach, and Rio Vista Delta Breeze. Completion of Clipper® expansion to these operators is scheduled for summer 2014. As part of this expansion, on-site infrastructure at the Napa and Solano County transit operators' facilities must be upgraded in order for the Clipper® Contractor, Cubic Transportation Systems, Inc. (Cubic), to install required networking and fare collection equipment. The upgrades include connecting power and communications lines to the Clipper® equipment installation sites at five bus yards and five transit operator office locations.

Solano County Transit (SolTrans) is coordinating on-site infrastructure upgrades on behalf of the Napa and Solano County transit operators. The purpose of this funding agreement is to provide SolTrans with funding to pay both for the infrastructure upgrades and for coordination oversight activities between the transit operators, power and telecommunications contractors, and Cubic.

Staff recommends that the Operations Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement with Solano County Transit in an amount not to exceed \$650,000 for on-site infrastructure upgrades for expansion to Napa and Solano County transit operators.

ii. Funding Agreement – On-Site Infrastructure Upgrades for San Francisco Bay Ferry’s Vallejo Ferry Terminal and San Francisco Downtown Pier: Water Emergency Transportation Authority (\$175,000)

In October 2011, MTC executed Change Order 150 to implement Clipper® on ferry service operated by the Water Emergency Transportation Authority (WETA). As part of this Change Order, MTC deployed Clipper® on ferry service between San Francisco, South San Francisco, Oakland, and Alameda. While Clipper® devices were purchased for WETA’s Vallejo Baylink services under Change Order 150, the installation was not included for this line since expansion of Clipper® to Vallejo Baylink service needed to be coordinated with expansion to Solano County Transit (part of the Napa and Solano County Transit Operators). Installation of the Clipper® devices and network equipment for the Vallejo Baylink ferry was included in Change Order 170, and completion of Clipper® expansion to Baylink services is scheduled for summer 2014. On-site infrastructure at WETA’s Vallejo Ferry Terminal and San Francisco Downtown Pier facilities must now be upgraded in order for the Clipper® Contractor, Cubic, to install required networking and fare collection equipment. The upgrades include connecting power and communications lines to the Clipper® equipment installation sites at the Vallejo and San Francisco (Gate B) terminals.

Staff recommends that the Operations Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement with Water Emergency Transportation Authority in an amount not to exceed \$175,000 for on-site infrastructure upgrades for Clipper® expansion to the Vallejo Ferry Terminal and San Francisco Downtown Pier.



Steve Heminger

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Attachment 1

Table 1: Summary of System Usage

	Last Month July 2013	Prior Month June 2013	Prior Year July 2012
Transaction Volume			
Average Weekday Ridership ¹	621,717 ²	673,235	611,307
Fee-Generating Transactions ³	17,261,279	17,750,193	16,542,894
Unique Cards Used	652,625	671,121	595,939
Active Card Accounts	1,320,422	1,329,799	1,255,275
Settled Transit Operator Revenue	\$33,671,037	\$33,911,375	\$31,772,666
Autoload Activity			
Percent of Registered Cards with Autoload	37%	37%	38%
Call Volume			
Customer Service Representative (CSR) Calls	28,451	27,521	30,140
CSR Calls per Unique Card Used	0.04	0.04	0.05
Website Traffic			
Unique Visitors	174,852	169,811	159,498
Website Visits	255,843	245,333	232,738
Website Visits per Unique Card Used	0.39	0.37	0.39

¹ Includes average daily number of boardings, including transfers but excluding some Caltrain monthly pass trips (Caltrain only requires monthly pass customers to tag their cards once at the beginning of each month).

² MTC attributes the drop in average weekday ridership in July 2013 to the combination of the July 4 holiday and the BART strike that occurred that week. Clipper® recorded 423,000 weekday boardings for the week ending July 5. Figures for subsequent weeks in July 2343 669,000 (week ending July 12), 666,000 (week ending July 19) and 668,000 (week ending July 26).

³ Includes single-tag fare payments, BART and Caltrain exits, Golden Gate Transit entries, add-value transactions, opt-out purse refunds and pass use. Does not include transfers or transactions where fee value is \$0 (e.g., issuance of free cards, use of institutional passes, zero-value tags in dual-tag systems, etc.).

Table 2: Weekday Market Penetration Rates

	Average Weekday Clipper® Boardings July 2013	Market Penetration Rate Current Month July 2013	Market Penetration Rate Prior Month June 2013	Market Penetration Rate Prior Year July 2012
AC Transit	51,151	25.9%	26.0%	21.9%
BART	175,265	42.7%	52.4%	45.1%
Caltrain ⁴	10,239	76.1%	74.2%	67.9%
Golden Gate Ferry	8,385	N/A	94.4%	92.0%
Golden Gate Transit	8,500	N/A	41.7%	39.2%
SamTrans	13,034	28.1%	28.6%	26.6%
Muni/SFMTA	318,705	48.6%	50.4%	44.3%
VTA	33,893	23.4%	24.7%	23.3%
San Francisco Bay Ferry/WETA	2,545	63.6 ⁵	54.0%	62.4%

⁴ MTC's calculation of the Clipper market penetration rate on Caltrain reflects an assumption that monthly pass holders board Caltrain twice per day on weekdays. MTC estimates that the 12,874 calendar pass sales during Caltrain's vending window for July passes translated to 25,748 additional Caltrain boardings each weekday.

⁵ BART strike inflated the average weekday ridership for WETA. Market penetration does not include the week of the BART strike.

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Funding Agreement

Work Item No.: 310-2700

Agency: Solano County Transit
Vallejo, CA

Project Title: On-site Infrastructure Upgrades for Expansion to Napa and Solano County Transit Operators

Purpose of Funding Agreement: To provide Solano County Transit with funds to perform on-site infrastructure upgrades related to Clipper[®] implementation.

Brief Scope of Work: Upgrade on-site infrastructure at Napa and Solano County Transit Operators facilities to install required Clipper[®] networking and fare collection equipment.

Project Cost Not to Exceed: \$650,000

Funding Source: STP, CMAQ, STA, and Regional Measure 2 Capital

Fiscal Impact: Funds included in the FY 2013-14 agency budget

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a Funding Agreement with Solano County Transit for the purposes described herein and in the Executive Director's September 6, 2013 memorandum, and the Chief Financial Officer is authorized to set aside \$650,000 for such Funding Agreement.

Operations Committee:

Jake Mackenzie, Chair

Approved:

Date: September 13, 2013

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Funding Agreement

Work Item No.: 310-2700

Agency: Water Emergency Transportation Authority
San Francisco, CA

Project Title: On-site Infrastructure Upgrades for San Francisco Bay
Ferry Vallejo Ferry Terminal and San Francisco Downtown
Pier

Purpose of Funding Agreement: To provide the Water Emergency Transportation Authority
with funds to perform on-site infrastructure upgrades
related to Clipper® implementation.

Brief Scope of Work: Upgrade on-site infrastructure at Vallejo Ferry Terminal and San
Francisco Downtown Pier facilities to install required Clipper®
networking and fare collection equipment.

Project Cost Not to Exceed: \$175,000

Funding Source: STP, CMAQ, STA, and Regional Measure 2 Capital

Fiscal Impact: Funds included in the FY 2013-14 agency budget

Motion by Committee: That the Executive Director or his designee is authorized to
negotiate and enter into a Funding Agreement with the Water
Emergency Transportation Authority for the purposes described
herein and in the Executive Director's September 6, 2013
memorandum, and the Chief Financial Officer is authorized to set
aside \$175,000 for such Funding Agreement.

Operations Committee:

Jake Mackenzie, Chair

Approved: Date: September 13, 2013